

## Message Text

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ORIGIN SY-05

INFO OCT-01 NEA-10 ISO-00 /016 R

DRAFTED BY A/SY/T: CDISNEY:MB

APPROVED BY A/SY/T: DGFISCHER, CHIEF

A/SY/FO: KGWYNN

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FM SECSTATE WASHDC

TO AMEMBASSY KUWAIT

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E.O. 11652: N/A

TAGS: ASEC

SUBJECT: SECURITY EQUIPMENT

REF: KUWAIT 4261

FOR RSO FROM A/SY/T/SP

1. 1/2 INCH LEXAN ALONE WILL DEFEAT .38 CAL. SPECIAL AND .45 AUTOMATIC FIRE. 1/2 INCH LEXAN WITH 1/4 INCH SAFETY GLASS ON IMPACT SIDE WILL GIVE MULTIPLE HIT PROTECTION UP TO AND INCLUDING THE 9MM AS FIRED FROM HANDGUNS AND SUB-MACHINE GUNS. 1/2 INCH LEXAN WITH 1/4 INCH TEMPERED GLASS ON IMPACT SIDE WILL GIVE SINGLE HIT PROTECTION - AGAINST THE 9MM LEVEL. SAFETY GLASS COSTS APPROXIMATELY DOLS. 4.00 PER SQ. FT.

2. LEXAN IS AVAILABLE IN FOLLOWING SHEET SIZES: (INCHES)  
48 X 96; 60 X 96; 72 X 96 AT A COST OF DOLS 8.27 PER SQ. FT. COMPANY WILL CUT TO ORDER BUT ENTIRE SHEET MUST BE PURCHASED. WEIGHT OF 1/2 INCH LEXAN IS 3.2 LBS PER SQ. FT.

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3. LEXGARD (A COMPOSITE OF LEXAN) IS AVAILABLE IN THE

FOLLOWING SIZES: (INCHES) 36 X 60; 38 X 78; 48 X 72;  
48 X 96 IN ONE INCH AND 1 1/4 INCH THICKNESSES.

ONE INCH LEXGARD ALONE WILL DEFEAT .38 CAL.; .45 CAL.  
AND 9MM AT A COST OF DOLS. 21.60 PER SQ. FT. ITS WEIGHT  
IS 6.5 LBS PER SQ. FT. 1 1/4 INCH LEXGARD WITH 1/4 INCH  
SAFETY GLASS ON IMPACT SIDE WILL DEFEAT THE 7.62 MM LEVEL  
AS FIRED FROM THE AK-47 ASSAULT WEAPON. ITS COST IS  
DOLS. 25.20 PER SQ. FT. AND WEIGHT IS 7.8 LBS PER SQ. FT.

5. 1 1/4 INCH PLEXIGLAS (PLEXI-G) ALONE WILL DEFEAT THE  
9MM LEVEL AT A COST OF DOLS. 12.40 PER SQ. FT. AND WEIGHT  
OF 7.7 LBS PER SQ. FT. THI" MATERIAL HAS A TENDENCY  
TO FOG AND DISCOLOR AND ALSO TO SPALL WHEN HIT.

6. THERE IS ALSO A VARIETY OF BULLET RESISTANT GLASS  
COMMERCIALLY AVAILABLE. HOWEVER, GLASS TENDS TO BE MUCH  
HEAVIER, MORE EXPENSIVE AND RELATIVELY DIFFICULT TO WORK.  
DETAILS WILL BE FURNISHED ON REQUEST.

7. MYLAR IS AVAILABLE IN THE FOLLOWING WIDTHS: (INCHES)  
36,42, 54 AND 58. MINIMUM LENGTH IS 50 FT. MYLAR COSTS  
.54 PER SQ. FT.

8. LEXAN AND LEXGARD IS AVAILABLE FROM THE FOLLOWING  
COMPANIES:

1. GENERAL ELECTRIC  
SHEET PRODUCTS SECTION  
CHEMICAL AND METALLURGICAL DIVISION  
PITTSFIELD, MA 01210

2.COMMERCIAL PLASTICS AND SUPPLY CORP.  
5217 MONROE PLAZA  
HYATTSVILLE, MD 20781

9. PLEXIGLAS IS AVAILABLE FROM:

1. ROHM AND HAAS CO.  
13212 PARSON LANE  
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FAIRFAX, VA 22030

2. COMMERCIAL PLASTICS (PARA 8)

10. MYLAR IS AVAILABLE FROM  
MADICO  
64 NEW INDUSTRIAL PKWY  
WOBURN, MA 01801

11. ALL MATERIAL MAY BE ORDERED DIRECTLY FROM THE COMPANY OR THROUGH OPR/ST.

12. RE REFTTEL, PARA 2, SY/T CAN PROVIDE MAGNETIC DOOR RELEASE MECHANISMS, NO COST TO POST. TWO TYPES AVAILABLE. ONE TYPE ATTACHES TO WALL OR FLOOR AND HOLDS DOOR OPEN; CLOSING FORCE PROVIDED BY STANDARD HYDRAULIC DOOR CLOSER. SECOND TYPE HAS ELECTROMAGNETIC HOLDER BUILT INTO DOOR CLOSER. FOR SECOND TYPE, NEED TO KNOW WHICH SIDE DOOR HINGES ON (LEFT OR RIGHT) AS DOOR OPENS AWAY FROM VIEWER. ADVISE TYPE DESIRED AND DOOR INFORMATION. INGERSOLL

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## Message Attributes

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